

RPE

SPLINE X

EXTERNAL, INVOLUTE,
FILLET ROOT, SIDE FIT.

NO. OF TEETH

26

TCH

15/32

PRESSURE ANGLE

30°

BASE CIRCLE DIA.(REF.)

1.40729

TCH DIA. (REF.)

1.6250

MAJOR DIA.

1.677/1.672 (REF) (B1)

DRM DIA.

1.692

MINOR DIA.

1.469

MEASUREMENT OVER

.1200 DIA. PINS

1.8017/1.7967

83889111
818

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P TOOL NO.
IGH FIGURES

REVISIONS

LTR	DESCRIPTION	DATE	APP
A	CHGD FROM TEST TO PROD DWG REF TEST EO A125-07-22 ADDED SUPSD LIST NOTICE AND ASL (P5)	913110	F
B	SEE EO (I) 214 SP10 D, S, S, S	323-83-LA1	

RELEASED FOR PROD.
DATE: 6/12/09 INT: EUB

NOTES:

1. T101962 IS USED AS AN ANTI-TORQUE DEVICE
WHILE HOLDING 214-040-205 GEAR.

T101962

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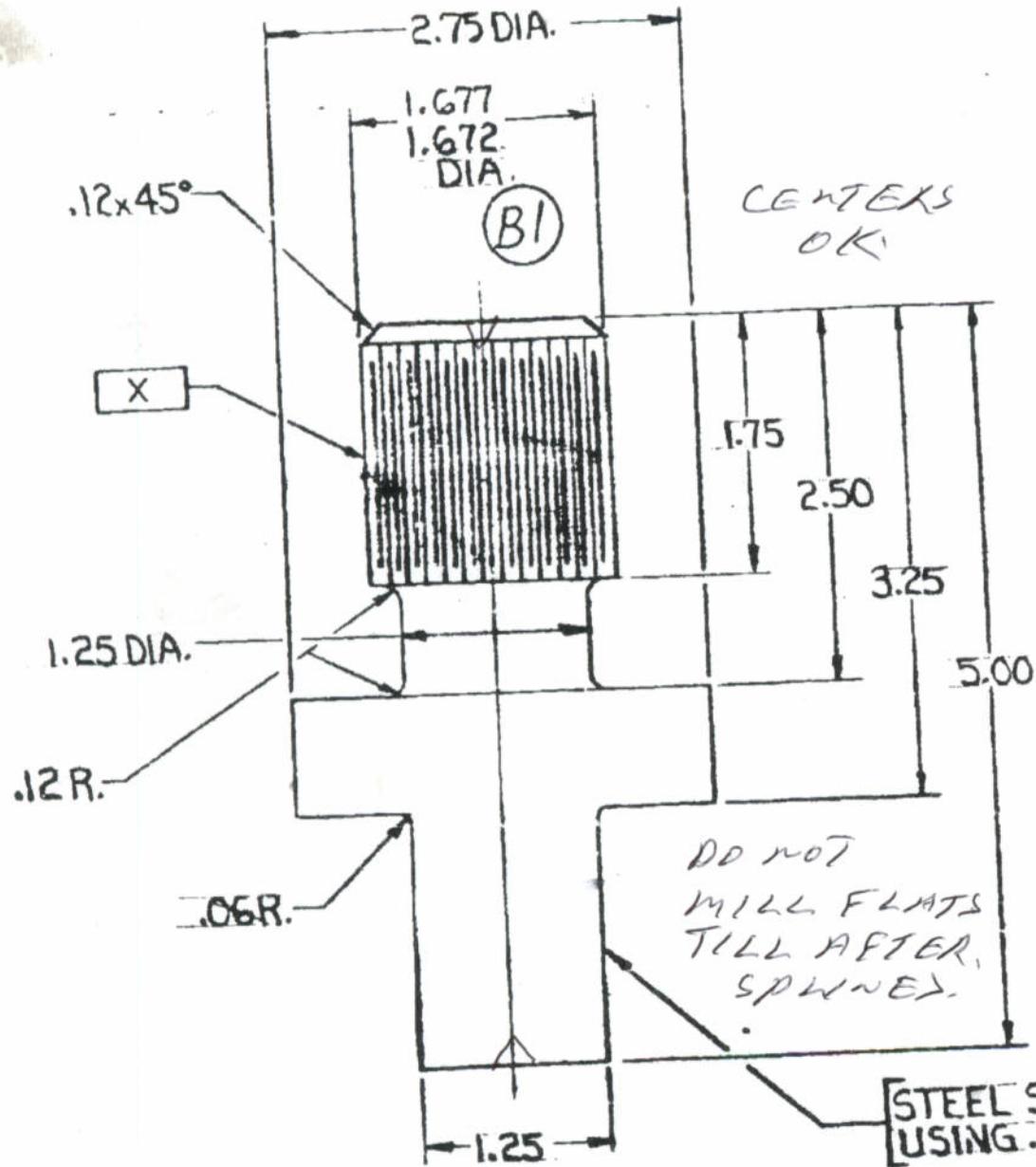
RELEASED FOR PROD.
DATE: 6/12/09 INT: End

SOURCES QUAL
BY BHT FOR ST.
RIALS ARE L
299-099-900.

T101962		SHAFT	3.0 DIA X 6.0 4130 ALY STL COMMERCIAL			
QTY REQD	PART OR IDENTIFYING NO.	CODE IDENT NO.	NOMENCLATURE OR DESCRIPTION	STOCK SIZE	MATERIAL	MATERIAL SPEC
					PARTS LIST EWA A126-01.	
SE SPECIFIED: 4050 EDGES 5 R FW 4018 W 4043 AITS APPLY	HEAT TREAT	~	CONTRACT NUMBER	DAAJ01-73-C-0248		
	FINISH SPEC	~	DRAWN	J. ALCON 1-23-74		
	UNLESS OTHERWISE SPECIFIED		CHECKED			
	DIMENSIONS ARE IN INCHES		STRESS			
	TOLERANCES ON		WEIGHTS			
MENTS: R MIL-STD-12 D TOLERANCING SAS Y14.5 OLS SAS Y32.2 E SIGNATIONS SAS Y32.16	DECIMALS	ANGLES	GROUP ENGR	K Wilson Rev 7/8/74		
	$XXX \pm .010$	$= 1^\circ$	DER			
	$XX \pm .03$		MET. DESIGN			
	$X \pm .1$		PROJECT	<i>B Long 8-23-74</i>		
	SURFACE ROUGHNESS PER USAS 846.1		CUSTOMER			
	125 ✓ MACHINED SURFACES					
	EXCEPT AS NOTED					
			SCALE	1/1		
			DWG SIZE	CODE IDENT NO	DWG NO	
			C	97499	T10	

241-344-3863

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SPLINE

TYPE	EXTERNAL FILLET R ₁₂
NO. OF TEETH	26
PITCH	.15/32
PRESSURE ANGLE	30°
BASE CIRCLE DIA. (REF.)	1.40729
PITCH DIA. (REF.)	1.6250
MAJOR DIA.	1.677/1.6
FORM DIA.	1.692
MINOR DIA.	1.469
MEASUREMENT OVER .1200 DIA. PINS	1.8017/1.1

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DATE: 6/12/09 INT: EMB

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DEC-21-99 03:34 PM FORE_MACHINE

P.03

SPLINE

EXTERNAL, INVOLUTE,
FILLET ROOT, SIDE FIT.

NO. OF TEETH _____ 26

TCH _____

16/32

PRESSURE ANGLE _____

30°

818 8389111
USE CIRCLE DIA.(REF.) _____

1.40729

TCH DIA. (REF.) _____

1.6250

MAJOR DIA. _____

1.677/1.672 (REF) (3)

MIN DIA. _____

1.692

MIN DIA. _____

1.469

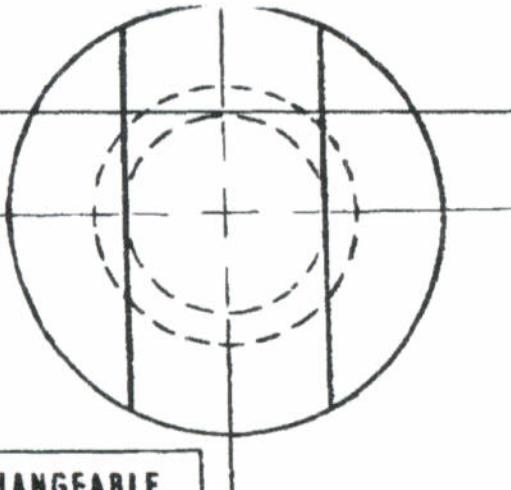
MEASUREMENT OVER

1.200 DIA. PINS _____ 1.8017/1.7967

P TOOL NO:
HIGH FIGURES

NOTES:
[]

LOVED INTERCHANGEABLE
ENTS AND SUPERSDED
SEE BHT STANDÄRD 170-001



RELEASED FOR PROD.
DATE: 6/12/09 INT: RWB

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**R IS PROPRIETARY TO BELL HELICOPTER COMPANY.
REPRODUCTION, OR USE OF THIS DATA FOR
POSE IS FORBIDDEN WITHOUT WRITTEN AUTHO-
RIZATION FROM BELL HELICOPTER COMPANY.**

ROOMS DOES NOT APPLY TO VENICE PANTS.

		UNLESS OTHERWISE SPECIFIED:
		1. MARK PER BPS FW 4050
		2. BREAK ALL SHARP EDGES .015 x 45° OR .015 R
		3. TORQUE PER BPS FW 4018
		4. SAFETY PER BPS FW 4043
		5. DIMENSIONAL LIMITS APPLY AFTER PLATING
		APPLICABLE DOCUMENTS:
		ABBREVIATIONS PER MIL-STD-12
		DIMENSIONING AND TOLERANCING PER USAS Y14.5
		ELECTRICAL SYMBOLS PER USAS Y32.2
		ELECTRICAL REF DESIGNATIONS PER USAS Y32.16
214-040-005	214C	HEAT TREAT ~
214-040-005	214B	FINISH SPEC ~
214-040-005	214A	UNLESS OTHERWISE SPECIFIED
DASH NO.	NEXT ASSY	DIMENSIONS ARE IN INCHES
	USED ON	TOLERANCES ON
	APPLICATION	DECIMALS ANGLES
		.XXX ± .016 XX ± .03 X ± .1 = 1°
		SURFACE ROUGHNESS PER USAS 846.1
		125 ✓ MACHINED SURFACES
		EXCEPT AS NOTED